

**REMARKS**

Reconsideration of the present application, as amended, is respectfully requested. Please replace pending claims 1 and 3, and 5-6 with the revised form of the claims, cancel claim 4 and add new claims 7-10. Attached hereto is a marked-up version of the changes made to the specification and claims by the amendment. The attached appendix is captioned "**Version with Markings to Show Changes Made.**"

**A. STATUS OF THE CLAIMS**

As a result of the present amendment, claims 1, 3 and 5 - 10 are presented in the case for continued prosecution. It is noted that the filing receipt indicated that 4 claims (with 1 independent claim) were pending. Applicant had included a Preliminary Amendment with the application when filed to cancel claim 2 and add new claims 5 (independent) and 6. The present amendment cancels claim 4 and adds claims 7-10 with claim 7 being a third independent claim. No new matter has been added. Support for new claim 7 is found in the specification, see page 6, lines 12-14, for example, and in originally presented claim 2. Support for new claims 8 and 9 are found, for example, on page 8, lines 7-10. Support for claim 10 is found in the specification, for example, on page 8, lines 11 *et seq.* It is further noted that the claims have been amended to recite a composition of matter containing certain specific elements rather than a "vital matter". It is urged that the Examiner proceed with the search based on this description.

**B. REQUEST FOR FURTHER INFORMATION UNDER 37 C.F.R. 1.105**

In response to the request for further information under 37 C.F.R. 1.105, the undersigned directs the Examiner's attention to the references submitted as part of the Information Disclosure Statement and the specification, for example, on page 9, in the section entitled "Industrial Applicability". The specification also includes examples, beginning on page 5 which demonstrate the utility of the compositions claimed herein and the beneficial results obtained when the compositions are employed. No other prior art is available at the present time. It is respectfully submitted, however, that in view of the amendment made to the claims, further information regarding the terms requested by the Examiner over and above that which is already

been provided is not necessary.

As a precaution and in the event that the Examiner deems this amendment of the claims and response to be insufficient, it is urged that he contact the undersigned so that agreement can be reached regarding the subject matter to be examined.

C. **EXTENSION OF TIME PETITION AND FEE INCLUDED WITH RESPONSE**

This response is being filed with a petition for a one month extension of time and the required small entity fee. No further fees are believed to be required. If, on the other hand, it is determined that any further fees are due or any overpayment has been made, the Commissioner is hereby authorized to debit or credit such sum to Deposit Account No. 02-2275.

Pursuant to 37 C.F.R. 1.136(a)(3), please treat this and any concurrent or future reply in this application that requires a petition for an extension of time for its timely submission as incorporating a petition for extension of time for the appropriate length of time. The fee associated therewith is to be charged to Deposit Account No. 02-2275.

D. **CONCLUSION**

In view of the actions taken and arguments presented, it is respectfully submitted that the present application is now in condition for allowance.

An early and favorable action on the merits is earnestly solicited.

Respectfully submitted,

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By: 

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CERTIFICATE OF FACSIMILE TRANSMISSION  
I hereby certify that this Amendment is  
being facsimile transmitted to the  
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below.

May 23, 2003

MUSERLIAN, LUCAS & MERCANTI, LLP  
By:   
Sapna Gadhia

Docket No.:428.1007

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner: Joynes, Robert M.	Art Unit: 1615
Re: Application of:	SONG, Si-Hoon
Serial No.:	09/914,964
Filed:	September 6, 2001
For:	<b>A VITAL MATTER AND A PRODUCING METHOD</b>

**APPENDIX****Version with Markings to Show Changes Made****IN THE CLAIMS:****Please cancel claim 4 without prejudice****Please amend claim 1 as follows:**

1. (Twice amended) A composition comprising [containing] kaoline (white soil) 30.0 - 40.0 wt%, potassium sulfate 15.0 - 20.0 wt%, sodium sulfate 13.0 - 17.0 wt%, feldspar 12.0 - 16.0 wt%, talc 12.0-16.0 wt% and ferric oxide 0.5 - 1.5 wt%.

**Please amend claim 3 as follows:**

3. (Twice amended) The [vital matter prepared] composition according to claim 1, [further comprising] wherein the composition is composed of potassium 19.06 - 23.29 wt%, calcium 14.21 -17.36 wt%, sodium 12.30 - 14.97 wt%, magnesium 11.98 - 14.64 wt%, silicon 13.74 - 16.80 wt%, aluminum 12.21 - 15.13 wt%, iron 3.48 - 4.26 wt%, titanium 0.95 - 1.17 wt%, manganese 0.28 -0.40 wt%, zinc 0.17-0.20 wt%, germanium 0.07 - 0.09 wt%, selenium 0.03 - 0.04 wt% and other elements 1.36 - 1.67 wt%.

**Please amend claim 5 as follows:**

5. (Amended) A method of preparing a composition, comprising the steps: 1) [preparing a composition containing] mixing kaoline (white soil) 30.0 - 40.0 wt%, potassium sulfate 15.0 - 20.0 wt%, sodium sulfate 13.0 - 17.0 wt%, feldspar 12.0 - 16.0 wt%, talc 12.0 - 16.0 wt% and ferric oxide 0.5 - 1.5 wt% [; 2) mixing the above-mentioned composition] using a compressed molding method; and [3)] 2) heating the mixture at 1000-1300°C.

**Please amend claim 6 as follows:**

6. (Amended) A method of preparing [vital matter] a composition according to claim 5, wherein said heating is carried out for a time period of 2 to 3 hours.

**Please add new claims 7-10:**

7. (New) A composition containing kaoline (white soil) 30.0 - 40.0 wt %, potassium chloride 15.0 - 20.0 wt%, sodium chloride 13.0 - 17.0 wt%, feldspar 12.0 - 16.0 wt%, talc 12.0-16.0 wt% and ferric oxide 0.5 - 1.5 wt%.

8. (New) A composition according to claim 1, wherein said composition is prepared in the form of minute powder of 200-350 mesh and mixed with a synthetic resin.

9 (New) The composition of claim 8, wherein the concentration of said synthetic resin is 5 to 30%.

10. (New) A polyethylene film containing the composition of claim 1.

CERTIFICATE OF FACSIMILE TRANSMISSION

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May 23, 2003

MUSERLIAN LUCAS & MERCANTIL LLP

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